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PTO/SB/21 (09-04)

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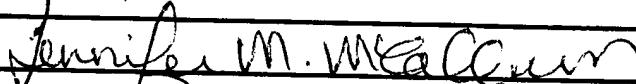
Total Number of Pages in This Submission

Application Number	10/078,278
Filing Date	February, 20, 2002
First Named Inventor	Robert E. Wagner
Art Unit	1634
Examiner Name	Bausch, S
Total Number of Pages in This Submission	28934-0001

ENCLOSURES (Check all that apply)

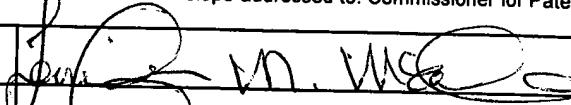
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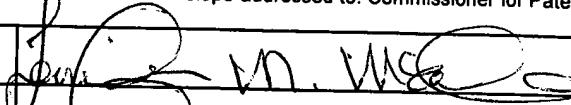
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	The McCallum Law Firm, LLC		
Signature			
Printed name	Jennifer M. McCallum, Ph.D, Esq		
Date	June 13, 2005	Reg. No.	52,492

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Typed or printed name  Jennifer M. McCallum, Ph.D, Esq.

Date June 13, 2005

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*ZFW**AF***IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:	Robert E. Wagner JR.		
Serial No.:	10/078,278	Group Art Unit:	1634
Filed:	February 20, 2002	Examiner:	Bausch, S
For:	MUTATION DETECTION USING MutS and RecA	Attorney Docket:	28934-0001

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

**AMENDMENT AND RESPONSE AFTER FINAL REJECTION
37 C.F.R. 1.116**

Dear Sir:

This Amendment and Response is filed in response to the final Office Action mailed from the USPTO April 12, 2005. It is believed that no fee is currently due. In the event that a fee is deemed necessary, the undersigned authorizes the charge to be applied to Deposit Account No. 50-2679.

Please reconsider the Application as follows: